

**WHAT IS CLAIMED IS:**

1. A system for transmitting data stored in at least one database and processed by a server arrangement to at least one handheld wireless device that receives data from a wireless carrier network including:

    a relay arrangement for routing the data for transmission; and

    a firewall arrangement that provides security for the data, the server arrangement, and the relay arrangement;

    wherein the relay arrangement being arranged behind the firewall arrangement.

2. The system of claim 1, wherein the data includes at least one of e-mail data and PIM data.

3. The system of claim 1, wherein the at least one handheld wireless device receives encryption data wirelessly.

4. The system of claim 1, wherein the database includes at least one of an e-mail server and a database server.

5. The system of claim 1, further comprising:

    a redundant server arrangement for the server arrangement.

6. The system of claim 1, further comprising:

    a redundant relay arrangement for the relay arrangement.

7. The system of claim 5, wherein the redundant server arrangement is located in at least one of a same geographic location and a different geographic location than the server arrangement.

8. The system of claim 6, wherein the redundant relay arrangement is located in at least one of a same geographic location and a different geographic location than the relay arrangement.

9. The system of claim 1, wherein the data is encrypted.
10. A method for transmitting data, comprising the steps of:
- storing data in a database;
  - retrieving the data from the database via a server arrangement;
  - processing the data in the server arrangement;
  - sending the data to a relay arrangement;
  - processing the data in the relay arrangement and routing the data to at least one wireless carrier network;
  - sending the data through a firewall arrangement to the at least one wireless carrier network, the firewall arrangement providing security for the data, the server arrangement and the relay arrangement;
  - receiving the data at the wireless carrier network;
  - processing the data in the at least one wireless carrier network;
  - sending the data to at least one handheld wireless device;
  - receiving the data at the at least one handheld wireless device;
  - processing the data in the handheld wireless device;
  - wherein the relay arrangement being arranged behind the firewall arrangement.
11. The method of claim 8, wherein the data includes at least one of e-mail data and PIM data.
12. The method of claim 8, further comprising the step of:
- sending encryption data to the handheld wireless device via a wireless connection, thus updating operational capabilities of the handheld wireless device.
13. The method of claim 8, wherein the data is encrypted.
14. An apparatus for transmitting data, comprising:
- means for storing data;
  - means for processing the data obtained from the means for storing data;
  - means for routing the data for transmission;
  - means for securing the data, the means for processing, and the means for routing;

wireless carrier network means for receiving and transmitting at least the data from the means for routing; and

at least one handheld wireless device that receives data from the wireless carrier network means;

wherein the means for routing is arranged behind the means for securing.

15. A system for transmitting data stored in at least one database and processed by a server arrangement to at least one handheld wireless device that receives data from a wireless carrier network including:

a relay arrangement for routing the data for transmission, the relay arrangement being arranged within a controlled network.